

We claim:

1. A rear suspension system for a bicycle, comprising:
  - a front frame section including a seat tube and a bottom bracket;
  - said seat tube defining a pivot point and said bottom bracket defining a second pivot point;
  - a short suspension link including at least two suspension link pivot points, one of said at least two suspension link pivot points configured to pivotally attach to the pivot point on the seat tube;
  - a rear frame section including at least two rear frame pivot points, one of said rear frame pivot points pivotally configured to attach to the pivot point at the bottom bracket and the other of the rear frame pivot points configured to pivotally attach the other suspension link pivot points;
  - wherein positioning of each of said pivot points at the bottom bracket, the seat tube, and the short link wherein rotation of the rear frame section around the pivot point at the seat tube causes flexing of the rear frame section.